EasyCast-D

3kW/95-120kHz

Efficient Power for Heating Solutions

BENEFITS OF INDUCTION HEATING

- Improved energy efficiency
- Higher degree of controllability
- Increased repeatability
- Low maintenance requirements
- Increased productivity

Cast all dental alloys: precious and non-precious. Automatic frequency setting

Highly efficient technology. Low energy consumption

Fast melting by Induction heating generator utilizing the latest technology

Complete protection from oxidation by using vacuum and gas argon atmosphere

Reliable, modular system, easy to maintain and service

Error and status messages for easy service and remote diagnostics

APPLICATIONS

Casting – centrifugal

HEADQUARTERS:

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UltraFlex POWER TECHNOLOGIES

EasyCast-D

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FEATURES

- Advanced digital control panel with status and diagnostics messages
- Centrifugal injection casting with pneumatic movement for fast coil decent
- Integral water cooling system with pressure and water temperature control
- Centrifugal arm balancing with adjustable counterweight
- IR temperature reader/ regulator (EC-1-T and EC-2)
- Melting power regulation
- DC motor with reduction gear: adjustable acceleration from 0.1 to 1 sec.
- Max rotating speed – 500 turns/min. Rotation timeout pre-set at 40 sec.
- Auto locking of the chamber lid during centrifugal phase for maximum safety
- Normal atmospheric operation
- Integral vacuum pump (EC-1-V and EC-2)
- Inert (Argon) gas circuit included (EC-1-V and EC-2)

Optional Equipment

	Description	Part Number
HE-017	**Heat exchanger**	1ACC-017-510-00

SPECIFICATION

	EC-1	EC-1T	EC-1V	EC-2
Absorbed Power, kW	3.0	3.0	3.0	3.0
AC Line, Volts (50/60Hz)	230±10%	230±10%	230±10%	230±10%
Line Phases	1	1	1	1
Crucible Capacity	60g Cr/Co, Ni/Cr	60g Cr/Co, Ni/Cr	60g Cr/Co, Ni/Cr	60g Cr/Co, Ni/Cr
Flask Size mm (max)	D-80, H-75	D-80, H-75	D-80, H-75	D-80, H-75
Max Melting, T°	2000 C°	2000 C°	2000 C°	2000 C°
IR Temperature Reader	n/a	included	n/a	included
Cooling System	Water-Internal	Water-Internal	Water-Internal	Water-Internal
Vacuum Pump	n/a	n/a	included	included
Weight, Lb (kg)	220.5 (100)	220.5 (100)	264.6 (120)	264.6 (120)
Dimensions, Inch (cm) LxWxH	20.9 x 25.9 x 41.3 (53 x 65.7 x 105)	20.9 x 25.9 x 41.3 (53 x 65.7 x 105)	20.9 x 25.9 x 41.3 (53 x 65.7 x 105)	20.9 x 25.9 x 41.3 (53 x 65.7 x 105)